

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	638	encod\$3 adj xml	US-PGPUB; USPAT	OR	OFF	2007/04/06 10:48
S2	436	(encod\$3 adj xml) and table	US-PGPUB; USPAT	OR	OFF	2007/04/06 10:48
S3	463	(encod\$3 adj xml) and table\$1	US-PGPUB; USPAT	OR	OFF	2007/04/06 10:48
S4	154	(encod\$3 adj xml) and table\$1 and (data adj type)	US-PGPUB; USPAT	OR	OFF	2007/04/06 10:51
S5	103	(encod\$3 adj xml) and table\$1 and (data adj type) and complex	US-PGPUB; USPAT	OR	OFF	2007/04/06 10:52
S6	73	(encod\$3 adj xml) and table\$1 and (data adj type) and complex and schema	US-PGPUB; USPAT	OR	OFF	2007/04/06 10:53
S7	23	(encod\$3 adj xml) and table\$1 and (data adj type) and (complex with (type or datatype)) and schema	US-PGPUB; USPAT	OR	OFF	2007/04/06 11:16
S8	53	(encod\$3 adj xml) with binary	US-PGPUB; USPAT	OR	OFF	2007/04/06 11:27
S9	6	((encod\$3 adj xml) with binary) and MPEG	US-PGPUB; USPAT	OR	OFF	2007/04/06 11:27
S11	13	(mpeg with xml) same compress\$4 and encoder and decoder	US-PGPUB; USPAT	OR	OFF	2007/04/09 10:54
S12	4	(xpath or xpointer) and (complex adj type) and (mixed adj content)	US-PGPUB; USPAT	OR	OFF	2007/04/09 11:07
S13	0	((xpath or xpointer) same (complex adj type)) and (mixed adj content)	US-PGPUB; USPAT	OR	OFF	2007/04/09 11:07
S14	8	((xpath or xpointer) same (complex adj type))	US-PGPUB; USPAT	OR	OFF	2007/04/09 15:04
S15	0	vluimsbf8	US-PGPUB; USPAT	OR	OFF	2007/04/09 15:04
S16	3221	715/513	US-PGPUB; USPAT	OR	OFF	2007/04/10 12:34
S17	334	719/330	US-PGPUB; USPAT	OR	OFF	2007/04/10 12:34
S18	2198	370/394	US-PGPUB; USPAT	OR	OFF	2007/04/10 12:34

	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
1			US 20070078696 A1	20070405	12	INTEGRATING HIGH LEVEL ENTERPRISE-LEVEL DECISION-MAKING INTO REAL-TIME PROCESS CONTROL	705/8		
2	X		US 20070061018 A1	20070315	25	Network communications in an industrial automation environment	700/1		
3	X		US 20070022128 A1	20070125	22	Structuring data for spreadsheet documents	707/100		
4	X		US 20070016676 A1	20070118	49	System and method for servicing a user device	709/225		
5	X		US 20070016632 A1	20070118	49	System and method for synchronizing between a user device and a server in a communication network	707/204		
6	X		US 20070014244 A1	20070118	50	Alert mechanism for notifying multiple user devices sharing a connected-data-set	370/252		
7	X		US 20070014243 A1	20070118	50	System and method for provisioning a user device	370/249		
8	X		US 20070011253 A1	20070111	44	SYSTEM AND METHOD FOR ENCODING AND VERIFYING THE IDENTITY OF A SENDER OF ELECTRONIC MAIL AND PREVENTING UNSOLICITED BULK EMAIL	709/206		
9	X		US 20070011192 A1	20070111	66	Making and using abstract XML representations of data dictionary metadata	707/103R		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
10	X		US 20060277458 A9	20061207	24	Object persister	715/513		
11	X		US 20060277452 A1	20061207	20	Structuring data for presentation documents	715/500		
12	X		US 20060230057 A1	20061012	19	Method and apparatus for mapping web services definition language files to application specific business objects in an integrated application environment	707/102		
13	X		US 20060190815 A1	20060824	19	Structuring data for word processing documents	715/515		
14	X		US 20060129909 A1	20060615	63	Multimedia distribution system	715/500.1		
15	X		US 20060123046 A1	20060608	12	System and method for unknown type serialization	707/102		
16	X		US 20060075382 A1	20060406	55	Developing applications using configurable patterns	717/106		
17	X		US 20060074967 A1	20060406	54	Visual query modeling for configurable patterns	707/102		
18	X		US 20060074942 A1	20060406	54	Visual database modeling	707/100		
19	X		US 20060059165 A1	20060316	51	Highly scalable subscription matching for a content routing network	707/10		
20	X		US 20060036745 A1	20060216	20	Developing and executing applications with configurable patterns	709/228		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
21	X		US 20060015489 A1	20060119	20	Digital asset data type definitions	707/3		
22	X		US 20060013322 A1	20060119	8	Method for encoding an xml-based document	375/242		
23	X		US 20050268232 A1	20051201	25	Software logistics for pattern-based applications	715/700		
24	X		US 20050267913 A1	20051201	24	Detecting and handling changes to back-end systems	707/200		
25	X		US 20050262343 A1	20051124	63	Pervasive, user-centric network security enabled by dynamic datagram switch and on-demand authentication and encryption scheme through mobile intelligent data carriers	713/168		
26	X		US 20050257210 A1	20051117	24	Upgrading pattern configurations	717/170		
27	X		US 20050257198 A1	20051117	27	Testing pattern-based applications	717/124		
28	X		US 20050257193 A1	20051117	23	Method and system for visual data mapping and code generation to support data integration	717/109		
29	X		US 20050257190 A1	20051117	26	Developing and executing applications with configurable patterns	717/106		
30	X		US 20050257157 A1	20051117	39	Developing and executing applications with configurable patterns	715/747		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
31	X		US 20050207442 A1	20050922	65	Multimedia distribution system	370/465		
32	X		US 20050177543 A1	20050811	26	Efficient XML schema validation of XML fragments using annotated automaton encoding	707/1		
33	X		US 20050108001 A1	20050519	83	Method and apparatus for textual exploration discovery	704/10		
34	X		US 20040221163 A1	20041104	71	Pervasive, user-centric network security enabled by dynamic datagram switch and on-demand authentication and encryption scheme through mobile intelligent data carriers	713/182		
35	X		US 20040205473 A1	20041014	105	Method and system for implementing an enterprise information portal	715/500		
36	X		US 20040199636 A1	20041007	20	Automatic generation of database invocation mechanism for external web services	709/227		
37	X		US 20040138787 A1	20040715	38	System and method for implementing XML on an energy management device	700/295		
38	X		US 20040107415 A1	20040603	31	Web-interactive software testing management method and computer system including an integrated test case authoring tool	717/124		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
39	X		US 20040107025 A1	20040603	38	System and method for implementing XML on an energy management device	700/286		
40	X		US 20040073870 A1	20040415	28	Annotated automaton encoding of XML schema for high performance schema validation	715/513	X	
41	X	X	US 20040028049 A1	20040212	34	XML encoding scheme	370/394		
42	X		US 20030227392 A1	20031211	89	Context-aware and real-time item tracking system architecture and scenarios	340/825.49		
43	X		US 20030193994 A1	20031016	74	Method of managing media components	375/150		
44	X		US 20030191769 A1	20031009	31	Method, system, and program for generating a program capable of invoking a flow of operations	707/100		
45	X		US 20030149934 A1	20030807	122	Computer program connecting the structure of a xml document to its underlying meaning	715/513		
46	X		US 20030140034 A1	20030724	20	Digital asset data type definitions	707/3		
47	X		US 20030105746 A1	20030605	71	Query resolution system and service	707/3		
48	X		US 20030097365 A1	20030522	74	Method and apparatus for content repository with versioning and data modeling	707/100		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
49	X		US 20030093436 A1	20030515	239	Invocation of web services from a database	707/103Z		
50	X		US 20030093434 A1	20030515	71	Archive system and data maintenance method	707/103R		
51	X		US 20030090531 A1	20030515	27	Digital data preservation system	347/1		
52	X		US 20030088593 A1	20030508	76	Method and apparatus for generating a directory structure	707/205		
53	X		US 20030088573 A1	20030508	73	Method and apparatus for information delivery with archive containing metadata in predetermined language and semantics	707/100		
54	X		US 20020143727 A1	20021003	15	DICOM XML DTD/Schema generator	707/1		
55	X		US 20020103829 A1	20020801	16	Method, system, program, and data structures for managing structured documents in a database	715/513		
56	X		US 20010056504 A1	20011227	23	Method and apparatus of data exchange using runtime code generator and translator	719/310		
57	X		US 7200627 B2	20070403	68	Method and apparatus for generating a directory structure	707/205		
58	X		US 7171457 B1	20070130	12	Processing numeric addresses in a network router	709/219		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
59	X		US 7165239 B2	20070116	188	Application program interface for network software platform	717/114		
60	X		US 7159224 B2	20070102	41	Method, system, and articles of manufacture for providing a servlet container based web service endpoint	719/310		
61	X		US 7158990 B1	20070102	37	Methods and apparatus for data conversion	707/102	X	
62	X		US 7117504 B2	20061003	481	Application program interface that enables communication for a network software platform	719/328		
63	X		US 7103772 B2	20060905	72	Pervasive, user-centric network security enabled by dynamic datagram switch and on-demand authentication and encryption scheme through mobile intelligent data carriers	713/168		
64	X		US 7020666 B2	20060328	11	System and method for unknown type serialization	707/203		
65	X		US 6990395 B2	20060124	40	Energy management device and architecture with multiple security levels	700/295		
66	X		US 6988025 B2	20060117	40	System and method for implementing XML on an energy management device	700/295		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
67	X		US 6959416 B2	20051025	16	Method, system, program, and data structures for managing structured documents in a database	715/513		
68	X		US 6904454 B2	20050607	62	Method and apparatus for content repository with versioning and data modeling	709/213		
69	X		US 6856967 B1	20050215	35	Generating and navigating streaming dynamic pricing information	705/26		
70	X		US 6772413 B2	20040803	24	Method and apparatus of data exchange using runtime code generator and translator	717/136		
71			US 6725231 B2	20040420	15	DICOM XML DTD/schema generator	707/102		
72			US 6574675 B1	20030603	13	Simple workflow access protocol	719/316		
73			US 6573907 B1	20030603	86	Network distribution and management of interactive video and multi-media containers	715/719		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
1			US 20070061018 A1	20070315	25	Network communications in an industrial automation environment	700/1		
2	X		US 20070028109 A1	20070201	12	Configuration of a computing device in a secure manner	713/176		
3	X		US 20070022164 A1	20070125	14	Relaying messages through a firewall	709/206		
4	X		US 20060277590 A1	20061207	20	Remote management of mobile devices	726/1		
5	X		US 20060217990 A1	20060928	46	Method and device for organizing user provided information with meta-information	705/1		
6	X		US 20060214707 A1	20060928	19	Information processing apparatus and method	327/141		
7	X		US 20060212467 A1	20060921	11	Encoding of hierarchically organized data for efficient storage and processing	707/101		
8	X		US 20060168052 A1	20060727	28	Reliably transferring queued application messages	709/206		
9	X		US 20060161839 A1	20060720	6	Method for obtaining communication settings using an application descriptor	715/513		
10	X		US 20060130069 A1	20060615	28	Reliably transferring queued application messages	719/314		
11	X		US 20060123047 A1	20060608	16	Flexibly transferring typed application data	707/103R		
12			US 20060123046 A1	20060608	12	System and method for unknown type serialization	707/102		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
13	X		US 20060036657 A1	20060216	8	Full-text search integration in XML database	707/204		
14	X		US 20060036631 A1	20060216	10	High performance XML storage retrieval system and method	707/101		
15			US 20060013322 A1	20060119	8	Method for encoding an xml-based document	375/242		
16	X		US 20050251575 A1	20051110	15	System and method for bulk processing of semi-structured result streams from multiple resources	709/227		
17	X		US 20050198193 A1	20050908	17	System, method, and apparatus for creating metadata enhanced media files from broadcast media	709/217		
18	X		US 20050182778 A1	20050818	9	Method and devices for encoding/decoding structured documents, particularly xml documents	707/101		
19	X		US 20050144437 A1	20050630	49	System and method for assigning an identity to an intelligent electronic device	713/151		
20	X		US 20050131583 A1	20050616	19	System and method for federated security in a energy management system	700/295		
21	X		US 20050114762 A1	20050526	8	System and method for processing of markup language information	715/513		
22	X		US 20050086594 A1	20050421	18	Mixed content includes and encodes	715/515		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
23			US 20050039040 A1	20050217	20	System and method for seal tamper detection for intelligent electronic devices	726/6		
24			US 20040266454 A1	20041230	5	Location dependent control of a mobile cellular telephone	455/456.1		
25			US 20040255048 A1	20041216	54	Virtual file-sharing network	709/249		
26			US 20040254724 A1	20041216	26	Methods, devices and system for handling position-related information of cellular equipment	701/209		
27			US 20040243935 A1	20041202	13	Systems and methods for processing instrument data	715/523		
28			US 20040215830 A1	20041028	20	System and method for compression of wireless applications expressed in a structured definition language	709/246		
29			US 20040193581 A1	20040930	4	Method for rapidly searching elements or attributes or for rapidly filtering fragments in binary representations of structured, for example, xml-based documents	707/3		
30			US 20040193329 A1	20040930	44	System and method for securing energy management systems	700/286		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
31		X	US 20040186841 A1	20040923	9	System for the improved encoding/decoding of structured, in particularly xml-based, documents and methods and devices for the improved encoding/decoding of binary representations of such documents	707/100		
32			US 20040177080 A1	20040909	12	System and method for unknown type serialization	707/100		
33			US 20040158619 A1	20040812	9	Method and apparatus for provisioning content	709/219		
34			US 20040132465 A1	20040708	19	Method, terminal device and system allowing for handling location services independently from a cellular communication system	455/456.1		
35			US 20040122851 A1	20040624	37	Identifier generating method, identity determining method, identifier transmitting method, identifier generating apparatus, identity determining apparatus, and identifier transmitting apparatus	707/102		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
36			US 20040083263 A1	20040429	50	Method and apparatus for maintaining consistency of a shared space across multiple endpoints in a peer-to-peer collaborative computer system	709/204		
37			US 20040048603 A1	20040311	15	Transfer of bookmark information	455/414.1		
38			US 20040025030 A1	20040205	15	Method and system for collection and verification of data from plural sites	713/186		
39			US 20040015537 A1	20040122	35	Handheld client framework system	709/203		
40			US 20030103484 A1	20030605	16	Apparatus, and associated method, for retrieving mobile-node logic tree information	370/338		
41			US 20030101246 A1	20030529	17	System and method for identifying and accessing network services	709/221		
42			US 20030055737 A1	20030320	22	Validation system	705/26		
43			US 20030028559 A1	20030206	13	Method of analyzing a document represented in a markup language	715/501.1		
44			US 20030023628 A1	20030130	24	Efficient RPC mechanism using XML	715/513		
45			US 20020198864 A1	20021226	5	Method and apparatus for simplifying the access of metadata	707/1		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
46		X	US 20020159519 A1	20021031	20	Delivery of multimedia descriptions using access units	375/240.01	X	
47			US 7200585 B2	20070403	38	Identifier generating method, identity determining method, identifier transmitting method, identifier generating apparatus, identity determining apparatus, and identifier transmitting apparatus	707/2	X	
48			US 7188003 B2	20070306	45	System and method for securing energy management systems	700/286		
49			US 7184758 B2	20070227	15	Transfer of bookmark information	455/419		
50			US 7139811 B2	20061121	48	Double-proxy remote data access system	709/217		
51			US 7127328 B2	20061024	21	System and method for federated security in an energy management system	700/286		
52			US 7089567 B2	20060808	23	Efficient RPC mechanism using XML	719/330	X	
53			US 7020666 B2	20060328	11	System and method for unknown type serialization	707/203		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
1	X		US 20060287982 A1	20061221	16	SYSTEM AND METHOD FOR PRESENTING THE CONTENTS OF A CONTENT COLLECTION BASED ON CONTENT TYPE	707/2		
2	X		US 20060253542 A1	20061109	32	Method and system for providing end user community functionality for publication and delivery of digital media content	709/207		
3	X		US 20060236221 A1	20061019	28	Method and system for providing digital media management using templates and profiles	715/500.1		
4	X		US 20060198367 A1	20060907	10	Content based secure rendezvous chaotic routing system for ultra high speed mobile communications in ad hoc network environment	370/389		
5	X		US 20060156219 A1	20060713	20	Method and system for providing distributed editing and storage of digital media over a network	715/500.1		
6	X		US 20060139346 A1	20060629	47	Input file generating method and system using meta representation of compression of graphics data, and AFX coding method and apparatus	345/418		
7	X		US 20060064716 A1	20060323	67	Techniques for navigating multiple video streams	725/37		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
8	X		US 20060041903 A1	20060223	24	Service activation of set-top box functionality using broadcast conditional access system	725/28		
9	X		US 20060016321 A1	20060126	8	Apparatus and method for controlling sounds and images	84/602		
10	X		US 20050210145 A1	20050922	75	Delivering and processing multimedia bookmark	709/231		
11	X		US 20050204385 A1	20050915	70	Processing and presentation of infomercials for audio-visual programs	725/45		
12	X		US 20050203927 A1	20050915	49	Fast metadata generation and delivery	707/100		
13	X		US 20050195975 A1	20050908	70	Digital media distribution cryptography using media ticket smart cards	380/30		
14	X		US 20050193425 A1	20050901	70	Delivery and presentation of content-relevant information associated with frames of audio-visual programs	725/135		
15	X		US 20050193408 A1	20050901	71	Generating, transporting, processing, storing and presenting segmentation information for audio-visual programs	725/32		
16	X		US 20050182778 A1	20050818	9	Method and devices for encoding/decoding structured documents, particularly xml documents	707/101		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
17	X		US 20050131930 A1	20050616	51	Method and system for generating input file using meta representation on compression of graphics data, and animation framework extension (AFX) coding method and apparatus	707/101		
18	X		US 20040172495 A1	20040902	20	Cache system and method for generating uncached objects from cached and stored object components	711/1		
19	X		US 20040133923 A1	20040708	34	Digital home movie library	725/134		
20	X		US 20040111676 A1	20040610	24	Method and system for generating input file using meta language regarding graphic data compression	715/513		
21	X		US 20040030982 A1	20040212	15	Information exchange system	714/776		
22	X	X	US 20040028049 A1	20040212	34	XML encoding scheme	370/394		
23	X		US 20040004619 A1	20040108	13	Method and apparatus for extending structured content to support streaming	345/473		
24	X		US 20030208529 A1	20031106	9	System for and method of real-time remote access and manipulation of data	709/203		
25	X		US 20030091239 A1	20030515	24	Communications method using images and device for the same	382/232		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
26	X		US 20020193983 A1	20021219	26	Method for offering multilingual information translated in many languages through a communication network	704/2		
27	X		US 20020152063 A1	20021017	28	Method for performing multilingual translation through a communication network and a communication system and information recording medium for the same method	704/2		
28	X		US 20020103970 A1	20020801	20	Cache system and method for generating uncached objects from cached and stored object components	711/118		
29	X		US 20020091991 A1	20020711	316	Unified real-time microprocessor computer	717/106		
30	X		US 7171626 B2	20070130	15	System and method for presenting the contents of a content collection based on content type	715/810		
31	X		US 7139696 B2	20061121	27	Method for performing multilingual translation through a communication network and a communication system and information recording medium for the same method	704/8		

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	2	3
32	X		US 7130792 B2	20061031	23	Method for offering multilingual information translated in many languages through a communication network	704/7		
33	X		US 7064760 B2	20060620	14	Method and apparatus for extending structured content to support streaming	345/473		
34	X		US 7006099 B2	20060228	19	Cache system and method for generating uncached objects from cached and stored object components	345/557		
35	X		US 6959326 B1	20051025	17	Method, system, and program for gathering indexable metadata on content at a data repository	709/217		

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